

ABSTRACT OF THE DISCLOSURE

Disclosed is a photothermographic material containing at least a photosensitive silver halide, a non-photosensitive silver salt of an organic acid, a reducing agent for silver ions and a binder on one surface of a support, wherein the material contains a compound producing imagewise a chemical species that can form development initiation points on and in the vicinity of the non-photosensitive silver salt of an organic acid or the like and an organic gold compound and the photosensitive silver halide has a mean grain size of 0.12 μm or less. This photothermographic material shows high sensitivity, low fog, high Dmax (maximum density), little increase of fog during storage and low temperature and humidity dependency during development.

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